

**WHAT IS CLAIMED IS:**

1. A mounting construction of a toner cartridge that holds toner therein and is attached into an image forming apparatus, the toner cartridge having a rotary member that is rotated about an axis to a position where the toner is discharged into the image forming apparatus, the mounting construction comprising:

a first inclined surface formed on the rotary member, said first inclined surface extending in a first plane at a first angle with the axis;

an engagement portion formed on the image forming apparatus and engaging said first inclined surface when the toner cartridge is placed in the image forming apparatus;

wherein when said rotary member is rotated in a first direction, said engagement portion slides on said first inclined surface so that the toner cartridge is displaced in a second direction substantially parallel to the axis.

2. The mounting construction according to Claim 1, wherein said first inclined surface is one of two first inclined surfaces that extend in the first plane and are disposed substantially diametrically opposite to each other with respect to the axis.

3. The mounting construction according to Claim 1, wherein said toner cartridge has a stepped portion and the image forming apparatus has a projection, the projection engaging the stepped portion when the toner cartridge is placed in the image forming apparatus.

4. The mounting construction according to Claim 1, wherein the image forming apparatus further comprises an urging member that urges the toner cartridge in a third direction opposite to the second direction.

5. The mounting construction according to Claim 1, further

comprises:

a projection formed on the rotary member;

a second inclined surface formed on the image forming apparatus, said second inclined surface extending in a second plane at a second angle with the axis, said second inclined surface engaging said projection when the toner cartridge is placed in the image forming apparatus;

wherein when the rotary member is rotated in a fourth direction opposite to the first direction, said projection slides on said second inclined surface so that the toner cartridge is displaced in a third direction opposite to the first direction.

6. A toner cartridge that incorporates a mounting construction according to Claim 1.

7. An image forming apparatus to which a toner cartridge having a rotary member is attached, wherein the rotary member is rotated about an axis to a position where the toner is discharged into the image forming apparatus,

wherein the toner cartridge comprising:

an inclined surface formed on the rotary member, said inclined surface extending in a first plane at a first angle with the axis;

wherein the image forming apparatus comprising:

an engagement portion formed on the image forming apparatus, said engagement portion, said engagement portion engaging said inclined surface when the toner cartridge is placed in the image forming apparatus;

wherein when said rotary member is rotated in a first direction, said engagement portion slides on said first inclined surface so that the toner cartridge is displaced in a second direction substantially parallel to the axis.